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5 SEQ ID No.5

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SEQ ID No.6

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SEQ ID No.7

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SEQ ID No.8

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SEQ ID No.10

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15

SEQ ID No.11

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SEQ ID No.12

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SEQ ID No.13

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[illegible]

SEQ ID No.14

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SEQ ID No.15

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SEQ ID No.16

5 MGCVQCKDKEAAKLTEERDGS LNQSSGYRYGTDPTPQHYP SFGVTSIPNYYNNFHAAGGQGLTV
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GETGYIPSNYVAPVDSIQAE EWYFGKLGRKDAERQLLSFGNPRGTFLIRESQTTKGAYSL SIRDW
DDMKGDHVKHYKIRKLDNGGY YITTRAQFETLQQLVQHYSEKADGLCFNLTVVSSSCTPQTS G
10 LAKDAWEVARDSLFLEK KLQGCFAEVWLGTWNGNTKVAIKTLKPGTMSPE SFLEEAQIMKKL
KHDKL VQLYAVVSEEP IYIVTEYMSKGSLLDFLKDGEGRALKLPNLVDMAA QVAAGMAYIERM
NYIHRDLRSANILVGNGLICKIADFLARLIEDNEYTARQGA KFPIKWTAP EAAALYGRFTIKSDV
WSFGILLTELVT KGRVPYPMN NREVLEQVERGYRMPCPQDCPISLHELM IHCWKKDPEERPTF
EYLQGFLEDYFTATEPQYQPGENL

SEQ ID No.17

15 ggagctcagactagagtagggagagagactggctcgcaggagcaggctagcccgacgcgtgtccgcgcctcgagggtggcaagtaggcag
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45 SEQ ID No.18

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50 IELHRLHHKHVVQFYHYFEDKENIYILLEYCSRSM AHILKARKVLTEPEVRYLNRQIVSGLKY
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DDIIRHDFLQGFPTDRLSSSCHTVPDFHLSSPAKNFFKAAAAALFGGKKDKARYNDTHNKVSK
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55 QLSDHTVGVLFNNGAHMSLLPDKKTVHYYAELGQCSVFATDAPEQFISQVTVLKYFSHYMEE
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SEQ ID No.19

5 aacttagctggactcgagcccttcctgctggaactcgccaagccagctgattccccatccaaagccatgaagagcggcgatgtctgtgcgtggtgatg
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SEO ID No.20

15 MKSGVCLCVVMAVLAAGALAQPVVPAEATDPVEQRAQEAPRRQLRAVLRTDGEPRARLGALL
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SEQ ID No.21

[illegible]

SEQ ID No.22

35 MKLVSITLMLLGSLAFLGADTAGPDTSPQFRKKWNKWALSRGKRELQASSYPTGLADETTVPT
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DKDGMAPRNKISPOGYGRRRRRSLLEVLRSTVESSOEOTHTAPGPWAHISRLFRI

40 SEO ID No.23

45 tcgagcgccgcccgggcaggtccaggatcaagagtcaccgcttcgcaagcactgcctggctccatcaggatccccgcaggtcagctccaaggcac
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SEO ID No.24

55 MGFLKSPFLVVSILLLYQACSLQAVPLRSILESSPGMATLSEEEVRLLAALVQDYMOMKARELE
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50 gggcgcgcgggagctcgagaatgcaaaagtgccatgttctggctgtccagcacgactgcgtaccatggacaagagtgcaggcaacggcccaaggt
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SEQ ID No.28

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SEQ ID No.29

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40 SEQ ID No.30

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45 GDMPTYQIRAPTTALPQGVVMAASPGSLHSPQQLAEAEATRKRELRLMKNNREAARECRRKKKEY
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SEQ ID No.31

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SEQ ID No.32

35 MSDKMSSFLHIGDICSLYAEGSTNGFISTLGLVDDRCSVQPEAGDLNNPPKKFRDCLFKLCPMNR
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NKYLTVNKRLPALLEKNAMRVTLDEAGNEGSWFYIQPFYKLRSIGDSVIGDKVVLNPNVAGQ
PLHASSHQLVDNPGCNEVNSVNCNTSWKIVLFMKWSDNKDDILKGGDVVRLFHAEQEKF LTCD
40 EHRKKQHVFRLRTTGRQSATSATSSKALWEVEVVQHDPCRGGAGYWNSLFRFKHLATGHYLA
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PRNSYVRLRHLCTNTWVHSTNIPIDKEEEKPVMLKIGTSPLKEDKEAFAIVPVSPA EVRDLDFAN
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45 QFGFMQKQIGYDVLAEDTITALLHNNRKLLEKHITAAEIDTFVSLVRKNRPRFLDYLSDL
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NLPYDLRASFCRLMLMHVDRDPQEQTVPVKYARLWSEIPSEIAIDDYDSSGTSKDEIKERFAQT
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50 TIFPISKMTKGEENKGSNVMRSIHVGELMTQVVL RGGGFLPMTMAAAPEGNVKA AEPEKEDI
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55 DTKMQEIMRLAHEFLQNFCAQNQQNALLHKHINFLKPGILEAVTMQHIFMNNFQLCSEINER
VVQHFVHCIETHGRNVQYIKFLQTI VKAEGKFIKKQDMVMAELVNSGEDVLV FYNDRASFTL
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[illegible]

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SEO ID No. 34

5 MSAEGYQYRALYDYKKEREEDIDLHLGDILT VNKGSLVALGFSDBGQEARPEDIGWLNNGYNETT
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PLLIKLEAIEKKGLECSTLYRTQSSSNPAELRQLLCDAAASVDLEMIDVHVLADAFKRYLADLP
10 NPVIPVAVYNEMMSLAQELQSPEDCIQLLKKLIRLPNIPHQCWLTLQYLLKHFFKLSQASSKNLL
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15 KGV RQKKLCEYNELGNENTEDQYSLVEDDEDLPHHDEKTVN WGSSNRNKAENLLRGKRGDGTLFV
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SEO ID No.35

[illegible]

SEO ID No. 36

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5 PHPALTYEPALLQPYLFHQFGSRDGRSGSESSGVVGVHLSKAEGPALFSRSASKAILGTHSGHS
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PQAAQPELSLQRLTAVLAGYGVELRQLTPEQFSTLLTLMQLLPKGTGRNLEGAVNVGGADVKK
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10 NEQNLSLADVTQQAGLVKSELEAQTGLQILQGTGVGQREEAAEVLPRQAHGISPMRSVLLTLVAL
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15 LVSEHIWCDGFLVRSFYLNLTQETRTLQFHLWSWPAEGTPASTRPLLDFRRKVNKCVRGRSCP
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SEQ ID No.37

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40 acgtttctattga

SEQ ID No.38

MVMEVGILDAGGLRALLREGAAQCILLDCRSFFAFNAGHIAGSVNVRFSTIVRRRAKGAMGLEH
45 IVPNAELRGRLLAGAYHAVVLLDERSASLDGAKRDGTLALAAGALCREARSTQVFFLQGGYEA
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50

SEQ ID No.39

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55 ccagaaggatccccaccctgcaacctcgaaccgccactctactgctcggagagcactgccggcgagctgtgtcctgactccacagactcg
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SEQ ID No.40

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ILLDMWENKGENEWLHDHCMQVGDAYLIVYSITDRASFKEASELRIQLRRARQTEDIPIILVGNK
SDLVRCREVSVEGRACAVFDCKFIETSAAVQHNVKLEFEGIERQVRLPRDSKEKNERRLAYQ
KRRESIPRKARRFWGKIVAKNNKNMASSSKSKSCHDSLVL

25 SEQ ID No. 41

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SEQ ID No.42

45 MKTPAQRLLHLLPLLLLLCGECAQVCGCNETGMLERLPRCGKAFADMMQKVAVWKWCNLSEFI
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LTVAMAGLVVWRSKHTDRLL

SEO ID No. 43

50 atgtctcaacaagccaagaattcaaaagagtgccagggtctggctggtcttcgaaaccttgggaacacgtgcttcatgaactaattcttcagtgcctgag
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5 SEQ ID No. 44

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KASPETLDHLPDEEKGRQMWRKYLEREDSRIGDLFVGQLKSSLTCTDCGYCSTVDFPFWDLSP
10 AKRGYPEVTLMDCMRLFTKEDILDGDEKPTCCRCRARKRCIKKFSVQRFKILVLHLKRFSESRI
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SEQ ID No.45

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SEQ ID No. 46

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RTPSPKSLPSYLNQVMPPTQSFAPDPKYVSSKALQRSSEGSANKVPCILPIENGKKVSSSTHYL
55 LPERPPYLDKYEKYFKEAETNPSTQIQPLAACGMASATEKLASRMKIDMGSHGKRKHL SYVV
SP

SEQ ID No.47

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SEQ ID No.48

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35 THLINAAKLDEANLPKEINLVDDYFELVQHEYKKWQENSQARRAAHAQNPLEPSTPQLSLMDI
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40 CGTLGSTMFEQYQKCFIEAQNRQFHEARRTEEQLRSSQHRDMPRTTQVASRLKCARASCKNIL
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YG

SEQ ID No. 49

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